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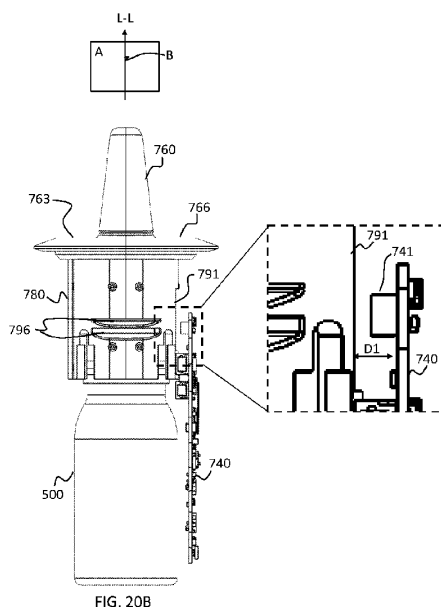
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(54) Title: SYSTEM AND METHOD FOR SENSING USAGE OF A CONTROLLED MEDICAL THERAPY DEVICE



(57) Abstract: A nasal spray device can include housing having a sensor and a nozzle having a housing interface with a graphical image thereon. The sensor can be configured to sense movement of the graphical image when the nozzle moves relative to the housing, for instance during administration of medicine from the nasal spray device. The sensor can include an infrared proximity sensor that senses infrared reflectivity from the graphical image. The infrared proximity sensor can also be used to measure distance to a surface of a vial within the housing to thereby detect insertion of the vial into the housing.

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